

CLAIMS LISTING

1. (currently amended) An articulating window assembly adapted for use with a support structure, the assembly comprising, in combination:
 - a windowpane having an inner surface;
 - an attachment member adjacent the inner surface, the attachment member including:
 - a first fixed member; and
 - ~~a second member adjacent the first member, the second pivot member having a pivot axis, the first fixed member and second the pivot member forming coupled at a hinged joint about which the pivot member rotates ; and~~
 - a polymeric member ~~surrounding~~ molded about a portion of the ~~hinged joint pivot member to and attached to~~ attach the pivot member to the windowpane, and to allow the windowpane to adapted to rotate rotate about the pivot axis ~~from a first position to a second position.~~
2. (currently amended) The articulating window assembly of claim 1 wherein the ~~polymer~~ polymeric member having includes a portion forming a cavity around in which the pivot axis resides a portion of the attachment member.
3. (currently amended) The articulating window assembly of claim 1 wherein the polymeric material is one of an elastomer, a thermoplastic, a thermoset plastic and a polyurethane, the polymeric material being attached to a portion of the windowpane consisting of one side.
4. (currently amended) The articulating window assembly of claim 1 wherein the ~~attachment member having a~~ fixed member includes a cylindrical rod portion having a longitudinal axis, and wherein the first member having pivot member includes an arcuate a support portion to cradle the rod portion therein to permit rotation of the pivot member the articulation of the hinged joint.
5. (currently amended) The articulating window assembly of claim 1 wherein claim 4, wherein the fixed member and the pivot member are coupled to allow rotation of the windowpane in a manner that does not create a substantial amount of pivoting stress required to be accommodated by the polymeric member ~~first member is a plate.~~
6. (currently amended) The articulating window assembly of claim 4 ~~±~~ wherein the ~~first member having one of~~ the pivot member includes a planar portion molded over by the polymeric member and an arcuate surface to engage the ~~second rod portion of the fixed member.~~
7. The articulating window of claim 4 ~~±~~, wherein the ~~attachment fixed member is~~ threadably includes an attachment stud offset from the longitudinal axis of the rod, for attached to the support structure.

8. (currently amended) The articulating window of claim 1, wherein the polymeric member is injection molded RIM material attached bonded to the inner surface one side of the windowpane.

9. (currently amended) An articulating window assembly ~~adapted to~~ for use with a support structure on a motor vehicle, the assembly comprising, in combination:

a windowpane having an inner surface;

a hinge joint having a pivot axis

a hinge member forming at least part of the hinge joint adjacent to the inner surface, the hinge having a cylindrical member having, and

~~a stud member attached to the cylindrical member; and~~

a polymeric member molded about surrounding at least a portion of the hinge member so as to attach the permit the hinge member to one side of the windowpane and allow the polymeric member to articulate rotate about the pivot axis.

10. (currently amended) The articulating window assembly of claim 9, wherein the hinge member includes a cylindrical member, the cylindrical member having a longitudinal portion articulating articulatable about the pivot axis.

11. (currently amended) The articulating window assembly of claim 9, wherein the hinge member includes a stud member for attaching to the support structure, the stud member having a longitudinal axis being offset from the pivot axis.

12. (currently amended) The articulating window assembly of claim 9, wherein the stud member being connected to the support structure hinge joint allows rotation of the windowpane in a manner that does not create a substantial amount of pivoting stress required to be accommodated by the polymeric member.

13. (currently amended) The articulating window assembly of claim 9, wherein the polymeric member provides a second hinge member which receives the hinge member adjacent to the inner surface to provide a hinge joint cylindrical member having a portion forming an axle about which the cylindrical member pivots.

14. (currently amended) The articulating window assembly of claim ~~10~~ 9, ~~wherein said hinge member further~~ including: a reinforcement plate adjacent to the hinge member.

15. (currently amended) The articulating window assembly of claim 14, wherein the reinforcement plate having includes at least one arcuate portion to support the cylindrical member and adapted to cradle the cylindrical member, therein.

16. (cancelled)

17. (currently amended) ~~An~~ A flush-mount, articulating vehicular window assembly adapted for use with a support structure, the assembly comprising in combination:
a windowpane having an inner surface;
a hinge adjacent connected to the windowpane and having a rotational pivot axis;
and
a polymeric member eneapsulating molded about a portion of the hinge to connect the hinge to one side of the windowpane and so as to permit the windowpane to pivot about the pivot axis from a closed position to an open position.
18. (currently amended) The flush-mount, articulating vehicular window assembly of claim 17, wherein the hinge member includes having a base member, a cylindrical member coupled with the base member to form a hinge joint and a stud extending from the cylindrical member.
19. (currently amended) The flush-mount, articulating vehicular window assembly of claim 15, wherein the hinge joint allows rotation of the windowpane in a manner that does not create a substantial amount of pivoting stress required to be accommodated by the polymeric member ~~the hinge further having a sleeve on the cylindrical member and wherein the polymeric member having a portion forming a cavity adjacent to the stud.~~
20. (currently amended) The flush-mount, articulating vehicular window assembly of claim 18, wherein the ~~base member~~ hinge joint is disposed in at least partially covered by the polymeric member and adjacent the cylindrical member to permit articulation of the hinge about the pivot axis.
21. (new) The flush-mount, articulating vehicular window assembly of claim 18, wherein the polymeric member forms part of the hinge.